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* * * * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 DEC 01 ChemPort single article sales feature unavailable
NEWS 3 JUN 01 CAS REGISTRY Source of Registration (SR) searching enhanced on STN
NEWS 4 JUN 26 NUTRACEUT and PHARMAML no longer updated
NEWS 5 JUN 29 IMSCOPROFILE now reloaded monthly
NEWS 6 JUN 29 EPFULL adds Simultaneous Left and Right Truncation (SLART) to AB, MCLM, and TI fields
NEWS 7 JUL 09 PATDPAFULL adds Simultaneous Left and Right Truncation (SLART) to AB, CLM, MCLM, and TI fields
NEWS 8 JUL 14 USGENE enhances coverage of patent sequence location (PSL) data
NEWS 9 JUL 27 CA/Cplus enhanced with new citing references
NEWS 10 JUL 16 GBFULL adds patent backfile data to 1855
NEWS 11 JUL 21 USGENE adds bibliographic and sequence information
NEWS 12 JUL 28 EPFULL adds first-page images and applicant-cited references
NEWS 13 JUL 28 INPADOCDB and INPAFAMDB add Russian legal status data
NEWS 14 AUG 08 Improve STN by completing a survey and be entered to win a gift card
NEWS 15 AUG 10 Time limit for inactive STN sessions doubles to 40 minutes
NEWS 16 AUG 17 CAS REGISTRY, the Global Standard for Chemical Research, Approaches 50 Millionth Registration Milestone
NEWS 17 AUG 18 COMPENDEX indexing changed for the Corporate Source (CS) field

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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* *****

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* See NEWS 14 for details or go directly to the survey at:
* <http://www.zoomerang.com/Survey/?p=WEB229H4S8Q5UL>

FILE 'HOME' ENTERED AT 12:52:36 ON 18 AUG 2009

=> file reg
COST IN U.S. DOLLARS
SINCE FILE ENTRY SESSION
0.44 0.44
FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 12:53:40 ON 18 AUG 2009
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STRUCTURE FILE UPDATES: 17 AUG 2009 HIGHEST RN 1174495-28-3
DICTIONARY FILE UPDATES: 17 AUG 2009 HIGHEST RN 1174495-28-3

New CAS Information Use Policies. Enter HELP USAGETERMS for details.

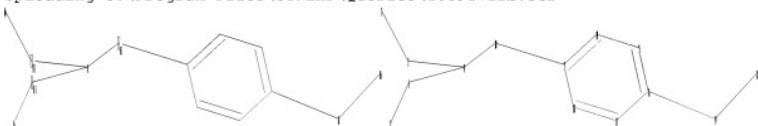
TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when conducting Smart SELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stndgen/stndoc/properties.html>

=> Uploading C:\Program Files\STNEXP\Queries\10591722b.str



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chain nodes :
 1 2 3 4 5 10 19 20
ring nodes :
11 14 15 16 17 18
chain bonds :
1-3 2-5 3-4 4-5 4-10 10-11 16-19 19-20
ring bonds :
11-14 11-18 14-15 15-16 16-17 17-18

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exact/norm bonds :
1-3 2-5 3-4 4-5 4-10 16-19 19-20
exact bonds :
10-11
normalized bonds :
11-14 11-18 14-15 15-16 16-17 17-18

Match level :
1:Atom 2:Atom 3:CLASS 4:CLASS 5:CLASS 10:CLASS 11:Atom 14:Atom 15:Atom
16:Atom 17:Atom 18:Atom 19:CLASS 20:CLASS

L1 STRUCTURE UPLOADED

=> s 11 sss full
FULL SEARCH INITIATED 12:56:15 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3619493 TO ITERATE

| | | |
|--|--------------------|-------------|
| 43.0% PROCESSED | 1556648 ITERATIONS | 394 ANSWERS |
| 50.6% PROCESSED | 1829879 ITERATIONS | 395 ANSWERS |
| 55.0% PROCESSED | 1992259 ITERATIONS | 396 ANSWERS |
| 55.3% PROCESSED | 2000000 ITERATIONS | 396 ANSWERS |
| INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED) | | |
| SEARCH TIME: 00.00.53 | | |
| FULL FILE PROJECTIONS: ONLINE **INCOMPLETE** | | |
| BATCH **INCOMPLETE** | | |
| PROJECTED ITERATIONS: | 3619493 TO 3619493 | |
| PROJECTED ANSWERS: | 636 TO 796 | |

L2 396 SEA SSS FUL L1

| | | |
|----------------------|------------------|---------------|
| => file cap1 | | |
| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
| FULL ESTIMATED COST | 188.28 | 188.72 |

FILE 'CAPLUS' ENTERED AT 12:57:31 ON 18 AUG 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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FILE COVERS 1907 - 18 Aug 2009 VOL 151 ISS 8
FILE LAST UPDATED: 17 Aug 2009 (20090817/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2009

Cplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

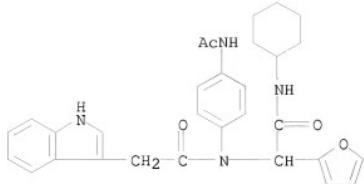
The ALL, BIB, MAX, and STD display formats in the CA/Cplus family of databases have been updated to include new citing references information. This enhancement may impact record import into database management software. For additional information, refer to NEWS 9.

=> s 12
L3 16 L2

=> d 13 1-16 ibib hitstr

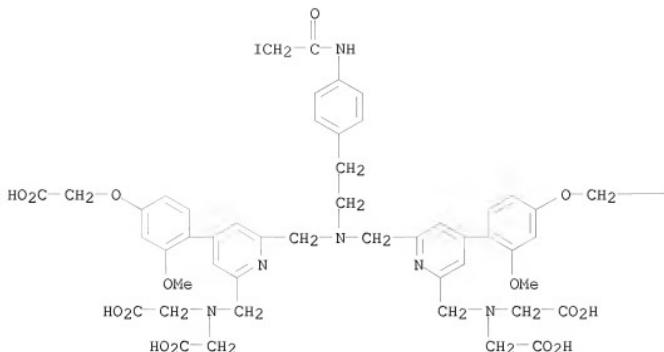
L3 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2009:1875995 CAPLUS
DOCUMENT NUMBER: 151:115083
TITLE: Method using lifespan-altering compounds for altering
 the lifespan of eukaryotic organisms, and screening
 for such compounds
INVENTOR(S): Goldfarb, David Scott
PATENT ASSIGNEE(S): University of Rochester, USA
SOURCE: U.S. Pat. Appl. Publ., 57pp.
DOCUMENT TYPE: Patent
LANGUAGE: English
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|----------|------------------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| US 20090163545 A1 | 20090625 | US 2008-XQ341615 | | 20081222 |
| PRIORITY APPLN. INFO.: | | US 2007-16362P | | 20071221 |
| | | US 2008-23801P | | 20080125 |
| IT 1032762-38-1 | | | | |
| RL: PAC (Pharmacological activity); BIOL (Biological study) | | | | |
| (method using lifespan-altering compds. for altering lifespan of | | | | |
| eukaryotic organisms, and screening for such compds.) | | | | |
| RN 1032762-38-1 CAPLUS | | | | |
| CN 1H-Indole-3-acetamide, N-[4-(acetylamino)phenyl]-N-[2-(cyclohexylamino)-1- | | | | |
| (2-furanyl)-2-oxoethyl]- (CA INDEX NAME) | | | | |



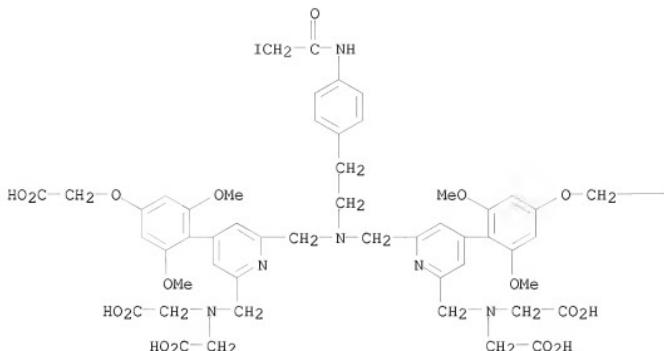
L3 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2009:357199 CAPLUS
 DOCUMENT NUMBER: 150:364629
 TITLE: Lanthanide pyridine iminodcarboxylate chelate complexes as fluorescent markers for peptides and oligonucleotides
 PATENT ASSIGNEE(S): Wallac Oy, Finland
 SOURCE: Ger. Gebrauchsmusterschrift, 7pp.
 CODEN: GGXXFR
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|---|----------|----------------------|------------|
| DE 202008013315 | U1 | 20090326 | DE 2008-202008013315 | 20081007 |
| PRIORITY APPLN. INFO.: | | | FI 2007-493U | U 20071217 |
| OTHER SOURCE(S): | MARPAT 150:364629 | | | |
| IT 1133438-12-6P | 1133438-13-7P | | | |
| RL: PEP (Physical, engineering or chemical process); PRPH (Prophetic); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); PROC (Process); RACT (Reactant or reagent) | (preparation of lanthanide pyridine iminodcarboxylate chelate complexes as fluorescent markers for peptides and oligonucleotides) | | | |
| RN 1133438-12-6 CAPLUS | | | | |
| CN INDEX NAME NOT YET ASSIGNED | | | | |



$$-\text{CO}_2\text{H}$$

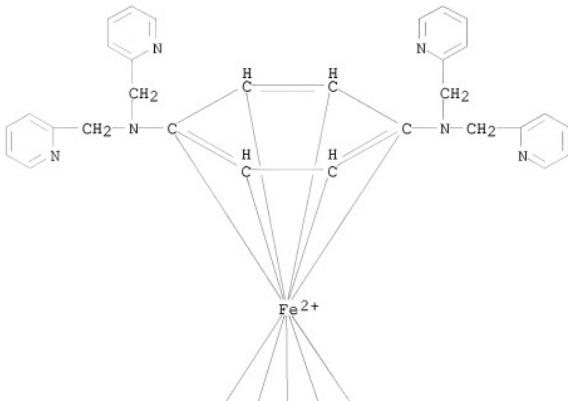
RN 1133438-13-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

-- CO₂H

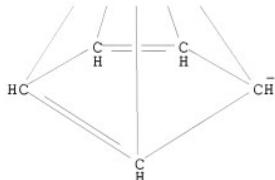
L3 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2009:247359 CAPLUS
 DOCUMENT NUMBER: 150:422650
 TITLE: Ultrasound-promoted aromatic nucleophilic substitution
 of dichlorobenzene iron(II) complexes
 AUTHOR(S): Raouafi, Noureddine; Belhadj, Nadra; Boujlel, Khaled;
 Ourari, Ali; Amatore, Christian; Maisonnaute,
 Emmanuel; Schoelhorn, Bernd
 CORPORATE SOURCE: Departement de Chimie, Faculte des Sciences de Tunis,
 Universite de Tunis El Manar, Tunis, 2092, Tunisia
 SOURCE: Tetrahedron Letters (2009), 50(15), 1720-1722
 CODEN: TELEAY; ISSN: 0040-4039
 PUBLISHER: Elsevier Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 1142881-34-2P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of anilines by ultrasound-promoted aromatic nucleophilic
 substitution of chlorobenzene iron complexes)

RN 1142881-34-2 CAPLUS
CN Iron(1+), (η^5 -2,4-cyclopentadien-1-yl)(1,2,3,4,5,6- η)-N1,N1,N4,N4-tetrakis(2-pyridinylmethyl)-1,4-benzenediamine]-(CA INDEX NAME)

PAGE 1-A



PAGE 2-A



REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2008:820982 CAPLUS

DOCUMENT NUMBER: 149:211889

TITLE: Vertical-alignment liquid crystal aligning agents and vertical-alignment mode liquid crystal display elements

INVENTOR(S): Kumagaya, Tsutomu; Nishikawa, Michinori

PATENT ASSIGNEE(S): Jsr Corporation, Japan

SOURCE: Faming Zuanli Shenqing Gongkai Shuomingshu, 34pp.

CODEN: CNXKEV

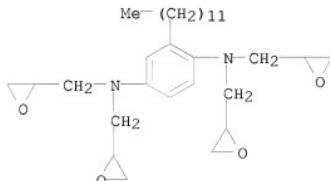
DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|------------|
| CN 101210184 | A | 20080702 | CN 2007-10305939 | 20071228 |
| JP 2008181102 | A | 20080807 | JP 2007-323414 | 20071214 |
| KR 2008063148 | A | 20080703 | KR 2007-138689 | 20071227 |
| PRIORITY APPLN. INFO.: | | | JP 2006-354460 | A 20061228 |
| IT 1041184-76-2 | | | | |
| RL: TEM (Technical or engineered material use); USES (Uses) (liquid crystal aligning agents for vertical-alignment mode liquid crystal displays) | | | | |
| RN 1041184-76-2 CAPLUS | | | | |
| CN 1,4-Benzenediamine, 2-dodecyl-N1,N1,N4,N4-tetrakis(2-oxiranylmethyl)- (CA INDEX NAME) | | | | |



L3 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:736395 CAPLUS

DOCUMENT NUMBER: 149:79490

TITLE: Carboxamides as ion channel modulators and their preparation, pharmaceutical compositions and use in the treatment of diseases

INVENTOR(S): Galullo, Vincent; Zelle, Robert; Mazdiyasni, Hormoz; Baker, Christopher Todd; Will, Paul; Guo, Jinsong; Fensome, Andrew; Soenen, Danielle; Kern, Jeffrey; Curtis; Moore, William Jay; Melenski, Edward George; Kaplan, Justin; Sabatucci, Joseph Peter

PATENT ASSIGNEE(S): Wyeth, John, and Brother Ltd., USA
SOURCE: PCT Int. Appl., 312pp.

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2008073461 | A2 | 20080619 | WO 2007-US25416 | 20071211 |
| WO 2008073461 | A3 | 20080912 | | |
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| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, | | | | |

IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
 GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

PRIORITY APPLN. INFO.:

US 2006-874133P P 20061211
 US 2006-874152P P 20061211
 US 2006-874179P P 20061211

OTHER SOURCE(S): MARPAT 149:79490

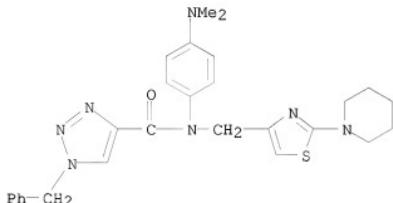
IT 1033831-47-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of carboxamide compds. as ion channel modulators useful in treatment of diseases)

RN 1033831-47-8 CAPLUS

CN 1H-1,2,3-Triazole-4-carboxamide, N-[4-(dimethylamino)phenyl]-1-(phenylmethyl)-N-[(2-(1-piperidinyl)-4-thiazolyl)methyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
 (2 CITINGS)

L3 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:733525 CAPLUS

DOCUMENT NUMBER: 149:53863

TITLE: Preparation of N,N-substituted 3-aminopyrrolidine compounds useful as monoamines reuptake inhibitors

Kurimura, Muneaki; Taira, Shinichi; Tomoyasu, Takahiro; Ito, Nobuaki; Tai, Kuninori; Takemura, Noriaki; Matsuzaki, Takayuki; Menjo, Yasuhiro; Miyamura, Shin; Sakurai, Yoji; Watabe, Akihito; Sakata, Yasuyo; Masumoto, Takumi; Akazawa, Kohei; Sugino, Haruhiko; Amada, Naoki; Ohashi, Satoshi; Shinohara, Tomokazu; Sasaki, Hirofumi; Morita, Chisako; Yamashita, Junko; Nakajima, Satoko

PATENT ASSIGNEE(S): Ohtsuka Pharmaceutical Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 221pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| JP 2008137997 | A | 20080619 | JP 2007-292386 | 20071109 |
| PRIORITY APPLN. INFO.: | | | JP 2006-305573 | A 20061110 |

OTHER SOURCE(S): MARPAT 149:53863

IT 914997-33-4P 914997-67-4P 914997-70-9P

915000-91-8P 915001-14-8P

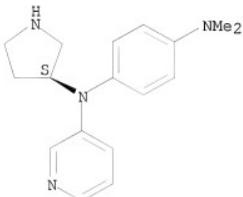
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(preparation of aminopyrrolidine compds. as monoamines reuptake inhibitors
with sufficient therapeutic effects after short-term administration)

RN 914997-33-4 CAPLUS

CN 1,4-Benzenediamine, N1,N1-dimethyl-N4-3-pyridinyl-N4-(3S)-3-pyrrolidinyl-
(CA INDEX NAME)

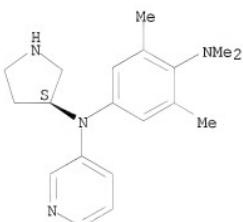
Absolute stereochemistry.



RN 914997-67-4 CAPLUS

CN 1,4-Benzenediamine, N1,N1,2,6-tetramethyl-N4-3-pyridinyl-N4-(3S)-3-
pyrrolidinyl- (CA INDEX NAME)

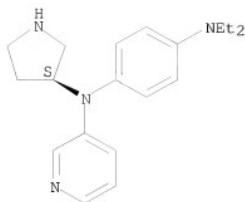
Absolute stereochemistry.



RN 914997-70-9 CAPLUS

CN 1,4-Benzenediamine, N1,N1-diethyl-N4-3-pyridinyl-N4-(3S)-3-pyrrolidinyl-
(CA INDEX NAME)

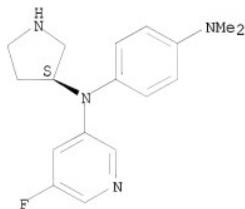
Absolute stereochemistry.



RN 915000-91-8 CAPLUS

CN 1,4-Benzenediamine, N1-(5-fluoro-3-pyridinyl)-N4,N4-dimethyl-N1-(3S)-3-pyrrolidinyl- (CA INDEX NAME)

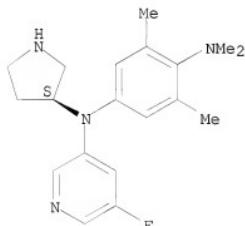
Absolute stereochemistry.



RN 915001-14-8 CAPLUS

CN 1,4-Benzenediamine, N4-(5-fluoro-3-pyridinyl)-N1,N1,2,6-tetramethyl-N4-(3S)-3-pyrrolidinyl- (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:447206 CAPLUS

DOCUMENT NUMBER: 148:506743

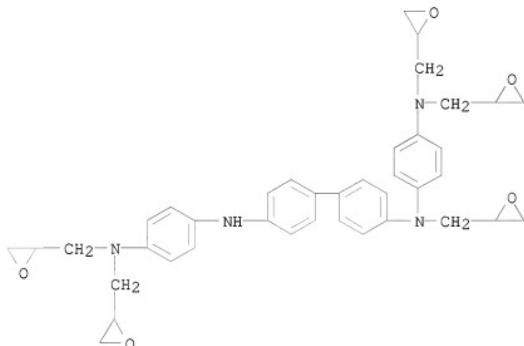
TITLE: Liquid crystal alignment agent and liquid crystal display element

INVENTOR(S): Yasuda, Hiroyuki; Hayashi, Eiji; Nishikawa, Michinori

PATENT ASSIGNEE(S): Jsr Corporation, Japan
 SOURCE: Faming Zhanli Shenqing Gongkai Shuomingshu, 43pp.
 CODEN: CNXKEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|------------------|----------|
| CN 101153995 | A | 20080402 | CN 2007-10151310 | 20070924 |
| KR 2008028320 | A | 20080331 | KR 2007-96550 | 20070921 |
| JP 2008107811 | A | 20080508 | JP 2007-247604 | 20070925 |

PRIORITY APPLN. INFO.: JP 2006-261196 A 20060926
 IT 1020839-25-1P
 RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (liquid crystal alignment agent and liquid crystal display element)
 RN 1020839-25-1 CAPLUS
 CN [1,1'-Biphenyl]-4,4'-diamine, N4,N4'-bis[4-(bis(2-oxiranylmethyl)amino)phenyl]-N4-(2-oxiranylmethyl)- (CA INDEX NAME)

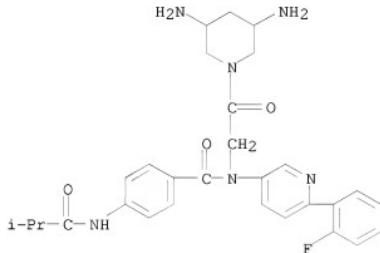


L3 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:124359 CAPLUS
 DOCUMENT NUMBER: 148:191838
 TITLE: Preparation of substituted aniline derivatives as antifungal agents
 INVENTOR(S): Carr, Andrew David; Neuss, Judi Charlotte; Orchard, Michael Glen; Porter, David William
 PATENT ASSIGNEE(S): Ucb Pharma S.A., Belg.
 SOURCE: PCT Int. Appl., 11pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
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| | | | | |
|---|----|----------------|-----------------|----------|
| WO 2008012524 | A1 | 20080131 | WO 2007-GB2815 | 20070724 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | | |
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| AU 2007279092 | A1 | 20080131 | AU 2007-279092 | 20070724 |
| CA 2656913 | A1 | 20080131 | CA 2007-2656913 | 20070724 |
| US 20080045497 | A1 | 20080221 | US 2007-782337 | 20070724 |
| EP 2046739 | A1 | 20090415 | EP 2007-766352 | 20070724 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | | |
| PRIORITY APPLN. INFO.: | | | | |
| | | GB 2006-14677 | A 20060724 | |
| | | GB 2006-14678 | A 20060724 | |
| | | GB 2007-4645 | A 20070309 | |
| | | GB 2007-4648 | A 20070309 | |
| | | WO 2007-GB2815 | W 20070724 | |

OTHER SOURCE(S): MARPAT 148:191838
IT 1013324-35-0P
RL: PAC (Pharmacological activity); PRPH (Prophetic); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted aniline derivs. as antifungal agents)
RN 1013324-35-0 CAPLUS
CN Benzamide, N-[2-(3,5-diamino-1-piperidinyl)-2-oxoethyl]-N-[6-(2-fluorophenyl)-3-pyridinyl]-4-[(2-methyl-1-oxopropyl)amino] - (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

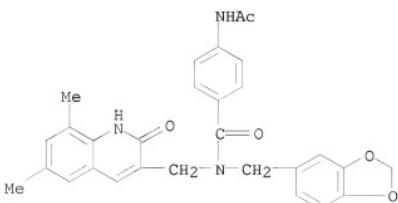
L3 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:1364437 CAPLUS
DOCUMENT NUMBER: 148:33637
TITLE: Substituted quinolones as ATP-utilizing enzyme inhibitors and their preparation, compositions, and uses thereof

INVENTOR(S): Dickson, John K.; Chen, Ke; Hodge, Carl Nicholas
 PATENT ASSIGNEE(S): Amphora Discovery Corporation, USA
 SOURCE: PCT Int. Appl., 143pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 2007136592 | A2 | 20071129 | WO 2007-US11484 | 20070510 |
| WO 2007136592 | A3 | 20080228 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, IJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | | |
| CA 2652634 | A1 | 20071129 | CA 2007-2652634 | 20070510 |
| US 20070287706 | A1 | 20071213 | US 2007-803140 | 20070510 |
| EP 2040711 | A2 | 20090401 | EP 2007-794818 | 20070510 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | | |
| PRIORITY APPLN. INFO.: | | | US 2006-801881P | P 20060518 |
| | | | WO 2007-US11484 | W 20070510 |

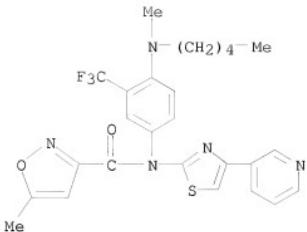
OTHER SOURCE(S): MARPAT 148:33637
 IT 958454-68-7P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (drug candidate; preparation of substituted quinolones as ATP-utilizing
 enzyme inhibitors useful in the treatment of diseases)
 RN 958454-68-7 CAPLUS
 CN Benzanide, 4-(acetylamino)-N-(1,3-benzodioxol-5-ylmethyl)-N-[(1,2-dihydro-
 6,8-dimethyl-2-oxo-3-quinolinyl)methyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)

L3 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 20071029651 CAPLUS
 DOCUMENT NUMBER: 147:365486
 TITLE: Preparation of 2-(phenylamino)thiazole derivatives as inhibitors of viral replication for the treatment of hepatitis C infection
 INVENTOR(S): Zhang, Suoming; Phadke, Avinash; Wang, Xiangzhu; Liu, Cuixian
 PATENT ASSIGNEE(S): Achillion Pharmaceuticals, Inc., USA
 SOURCE: PCT Int. Appl., 134pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|----------|--------------------|---|--------------------------------------|
| WO 2007103550 | A2 | 20070913 | WO 2007-US6023 | 20070308 |
| WO 2007103550 | A3 | 20071108 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | | |
| AU 2007223797 | A1 | 20070913 | AU 2007-223797 | 20070308 |
| CA 2645072 | A1 | 20070913 | CA 2007-2645072 | 20070308 |
| US 200702123301 | A1 | 20070913 | US 2007-683749 | 20070308 |
| EP 1996565 | A2 | 20081203 | EP 2007-752705 | 20070308 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | | |
| JP 2009529059 | T | 20090813 | JP 2008-558416 US 2006-780609P WO 2007-US6023 | 20070308 P 20060308 W 20070308 |
| PRIORITY APPLN. INFO.: | | | | |
| OTHER SOURCE(S): | CASREACT | 147:365486; MARPAT | 147:365486 | |
| IT 949117-20-8P | | | | |
| RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) | | | | |
| | | | | |
| RN 949117-20-8 CAPLUS | | | | |
| CN 3-Isoxazolecarboxamide, 5-methyl-N-[4-(methylpentylamino)-3- (trifluoromethyl)phenyl]-N-[4-(3-pyridinyl)-2-thiazolyl]- (CA INDEX NAME) | | | | |



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

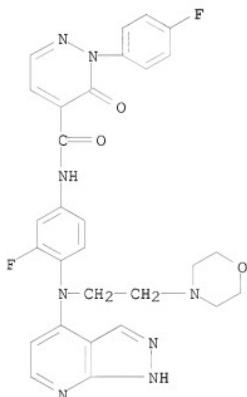
L3 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 20071028755 CAPLUS
DOCUMENT NUMBER: 147:365493
TITLE: Heterobicyclic pyrazole compounds as Met tyrosine kinase inhibitors and their preparation and use
INVENTOR(S): Blake, James F.; Boyd, Steven Armen; Cohen, Frederick; De Meese, Jason; Fong, Kin Chiu; Gaudino, John J.; Kaplan, Tomas; Marlow, Allison L.; Seo, Jeongbeob; Thomas, Allen A.; Tian, Hongqi; Young, Wendy B.
PATENT ASSIGNEE(S): Array Biopharma Inc., USA; Genentech, Inc.
SOURCE: PCT Int. Appl., 273 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2007103308 | A2 | 20070913 | WO 2007-US5583 | 20070306 |
| WO 2007103308 | A3 | 20080207 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MM, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | | |
| AU 2007224020 | A1 | 20070913 | AU 2007-224020 | 20070306 |
| CA 2645137 | A1 | 20070913 | CA 2007-2645137 | 20070306 |
| US 20070238726 | A1 | 20071011 | US 2007-714342 | 20070306 |
| EP 2001880 | A2 | 20081217 | EP 2007-752297 | 20070306 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | | |
| JP 2009529047 | T | 20090813 | JP 2008-558335 | 20070306 |
| MX 2008011220 | A | 20080911 | MX 2008-11220 | 20080902 |
| IN 2008KN03882 | A | 20090227 | IN 2008-KN3882 | 20080924 |

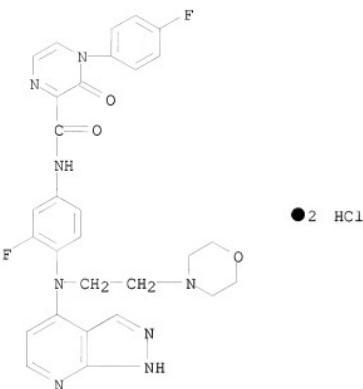
| | | | |
|------------------------|------------|------------------|------------|
| NO 2008004183 | A 20081124 | NO 2008-4183 | 20081006 |
| KR 200810783 | A 20081219 | KR 2008-724415 | 20081006 |
| CN 101437820 | A 20090520 | CN 2007-80016155 | 20081104 |
| PRIORITY APPLN. INFO.: | | US 2006-779805P | P 20060307 |
| | | US 2006-874832P | P 20061214 |
| | | WO 2007-US5583 | W 20070306 |

OTHER SOURCE(S): MARPAT 147:365493
 IT 949560-23-0P 949560-28-5P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (drug candidate; preparation of heterobicyclic pyrazole compds. as Met tyrosine kinase inhibitors useful in the treatment of diseases)

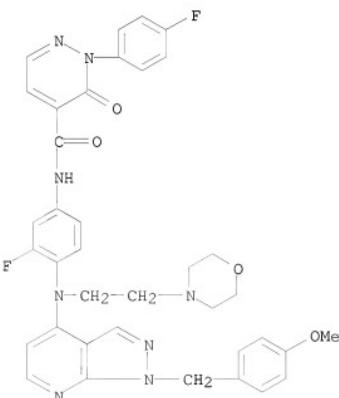
RN 949560-23-0 CAPLUS
 CN 4-Pyridazinecarboxamide, N-[3-fluoro-4-[(2-(4-morpholinyl)ethyl]-1H-pyrazolo[3,4-b]pyridin-4-ylamino]phenyl]-2-(4-fluorophenyl)-2,3-dihydro-3-oxo- (CA INDEX NAME)



RN 949560-28-5 CAPLUS
 CN 2-Pyridinecarboxamide, N-[3-fluoro-4-[(2-(4-morpholinyl)ethyl]-1H-pyrazolo[3,4-b]pyridin-4-ylamino]phenyl]-4-(4-fluorophenyl)-3,4-dihydro-3-oxo-, hydrochloride (1:2) (CA INDEX NAME)



- IT 949560-27-4P, N-[4-[(1-(4-Methoxybenzyl)-1H-pyrazolo[3,4-b]pyridin-4-yl)(2-morpholinoethyl)amino]-3-fluorophenyl]-2-(4-fluorophenyl)-3-oxo-2,3-dihydropyridazine-4-carboxamide
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (intermediate; preparation of heterobicyclic pyrazole compds. as Met tyrosine kinase inhibitors useful in the treatment of diseases)
- RN 949560-27-4 CAPLUS
- CN 4-Pyridazinecarboxamide, N-[3-fluoro-4-[(1-[(4-methoxyphenyl)methyl]-1H-pyrazolo[3,4-b]pyridin-4-yl)[2-(4-morpholinyl)ethyl]amino]phenyl]-2-(4-fluorophenyl)-2,3-dihydro-3-oxo- (CA INDEX NAME)



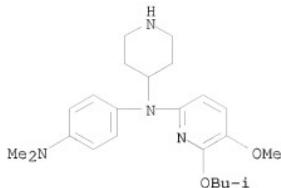
OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

L3 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2006:1338137 CAPLUS
DOCUMENT NUMBER: 146:81773
TITLE: Preparation of N-substituted diarylamine analogs as phosphodiesterase 4 inhibitors
INVENTOR(S): Talamas, Francisco Xavier; Caroon, Joan Marie; Dunn, Robert; Hopper, Allen; Kuester, Eric; Schumacher, Richard; Tehim, Ashok
PATENT ASSIGNEE(S): Memory Pharmaceuticals Corporation, USA; F. Hoffmann-La Roche A.-G.
SOURCE: PCT Int. Appl., 114 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|-------------|
| WO 2006135828 | A2 | 20061221 | WO 2006-US22655 | 20060609 |
| WO 2006135828 | A3 | 20070426 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | | |
| AU 2006257863 | A1 | 20061221 | AU 2006-257863 | 20060609 |
| CA 2611562 | A1 | 20061221 | CA 2006-2611562 | 20060609 |
| US 20070049611 | A1 | 20070301 | US 2006-449868 | 20060609 |
| EP 1888528 | A2 | 20080220 | EP 2006-784743 | 20060609 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU | | | | |
| JP 2008543781 | T | 20081204 | JP 2008-515998 | 20060609 |
| US 20090118270 | A1 | 20090507 | US 2008-329214 | 20081205 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 2005-689060P | P 20050610 |
| | | | US 2006-449868 | A1 20060609 |
| | | | WO 2006-US22655 | W 20060609 |

OTHER SOURCE(S): MARPAT 146:81773
IT 917098-71-6P, N-(6-Isobutoxy-5-methoxypyridin-2-yl)-N',N'-dimethyl-N-(piperidin-4-yl)benzene-1,4-diamine
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of N-substituted diarylamine analogs as phosphodiesterase 4 inhibitors for treating cognition disorders, inflammation, and other disorders)

RN 917098-71-6 CAPLUS
CN 1,4-Benzenediamine, N1-[5-methoxy-6-(2-methylpropoxy)-2-pyridinyl]-N4,N4-dimethyl-N1-4-piperidinyl- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)
 REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

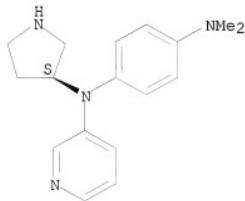
L3 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2006:1206758 CAPLUS
 DOCUMENT NUMBER: 145:505325
 TITLE: Preparation of of N,N-substituted 3-aminopyrrolidine compounds useful as monoamines reuptake inhibitors
 INVENTOR(S): Kurimura, Muneaki; Taira, Shinichi; Tomoyasu, Takahiro; Ito, Nobuaki; Tai, Kuninori; Takemura, Noriaki; Matsuzaki, Takayuki; Menjo, Yasuhiro; Miyamura, Shin; Sakurai, Yohji; Watanabe, Akihito; Sakata, Yasuyo; Masumoto, Takumi; Akazawa, Kohei; Sugino, Haruhiko; Amada, Naoki; Chashi, Satoshi; Shinohara, Tomoichi; Sasaki, Hirofumi; Morita, Chisako; Yamashita, Junko; Nakajima, Satoko
 PATENT ASSIGNEE(S): Otsuka Pharmaceutical Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 260pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|----------|
| WO 2006121218 | A1 | 20061116 | WO 2006-JP309988 | 20060512 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| AU 2006244851 | A1 | 20061116 | AU 2006-244851 | 20060512 |
| CA 2608184 | A1 | 20061116 | CA 2006-2608184 | 20060512 |
| EP 1881975 | A1 | 20080130 | EP 2006-756356 | 20060512 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR | | | | |
| JP 2008540329 | T | 20081120 | JP 2007-552427 | 20060512 |
| IN 2007DN08276 | A | 20071123 | IN 2007-DN8276 | 20071026 |
| CN 101175748 | A | 20080507 | CN 2006-80016402 | 20071112 |

| | | | |
|------------------------|-------------|------------------|------------|
| MX 2007014252 | A 20080122 | MX 2007-14252 | 20071113 |
| KR 2008008423 | A 20080123 | KR 2007-729022 | 20071212 |
| US 20090088406 | A1 20090402 | US 2008-914183 | 20080929 |
| PRIORITY APPLN. INFO.: | | JP 2005-141230 | A 20050513 |
| | | WO 2006-JP309988 | W 20060512 |

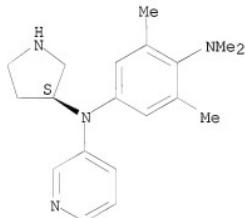
OTHER SOURCE(S): MARPAT 145:505325
 IT 914997-33-4P 914997-67-4P 914997-70-9P
 915000-91-8P 915001-14-8P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (preparation of aminopyrrolidine compds. as monoamines reuptake inhibitors
 with sufficient therapeutic effects after short-term administration)
 RN 914997-33-4 CAPLUS
 CN 1,4-Benzenediamine, N1,N1-dimethyl-N4-3-pyridinyl-N4-(3S)-3-pyrrolidinyl-
 (CA INDEX NAME)

Absolute stereochemistry.



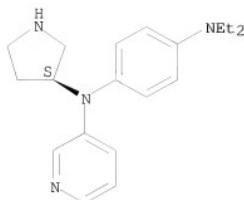
RN 914997-67-4 CAPLUS
 CN 1,4-Benzenediamine, N1,N1,2,6-tetramethyl-N4-3-pyridinyl-N4-(3S)-3-
 pyrrolidinyl- (CA INDEX NAME)

Absolute stereochemistry.



RN 914997-70-9 CAPLUS
 CN 1,4-Benzenediamine, N1,N1-diethyl-N4-3-pyridinyl-N4-(3S)-3-pyrrolidinyl-
 (CA INDEX NAME)

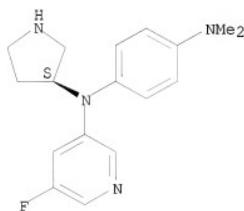
Absolute stereochemistry.



RN 915000-91-8 CAPLUS

CN 1,4-Benzenediamine, N1-(5-fluoro-3-pyridinyl)-N4,N4-dimethyl-N1-(3S)-3-pyrrolidinyl- (CA INDEX NAME)

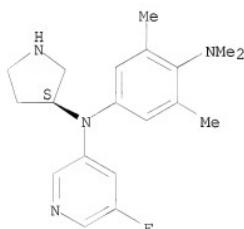
Absolute stereochemistry.



RN 915001-14-8 CAPLUS

CN 1,4-Benzenediamine, N4-(5-fluoro-3-pyridinyl)-N1,N1,2,6-tetramethyl-N4-(3S)-3-pyrrolidinyl- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

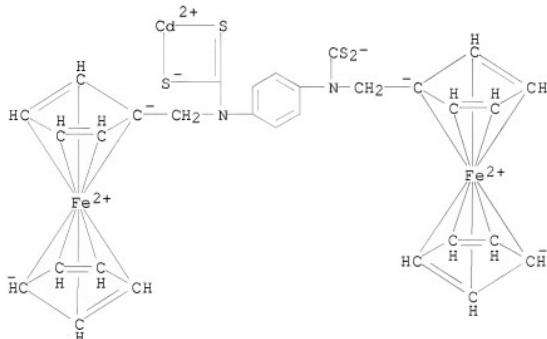
L3 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:109700 CAPLUS

DOCUMENT NUMBER: 145:431181

TITLE: Synthesis and thermal decomposition of cadmium

AUTHOR(S): dithiocarbamate complexes
 Thammakan, Nirawan; Somsook, Ekasith
 CORPORATE SOURCE: Department of Chemistry, Faculty of Science, Mahidol
 University, Bangkok, 10400, Thailand
 SOURCE: Materials Letters (2006), 60(9-10), 1161-1165
 PUBLISHER: CODEN: MLETDJ; ISSN: 0167-577X
 Elsevier B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 145:431181
 IT 911824-19-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and thermal decomposition of cadmium(II) benzyl- and
 ferrocenylmethyl-substituted benzenedithiocarbamate polymeric
 complexes)
 RN 911824-19-6 CAPLUS
 CN Cadmium, [{[(dithiocarboxy- κ S, κ S')][4-
 [(dithiocarboxy)(ferrocenylmethyl)aminophenylamino]methyl]ferrocenato(2-
)]- (9CI) (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
 (2 CITINGS)
 REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:1075811 CAPLUS
 DOCUMENT NUMBER: 143:367523
 TITLE: Preparation of monosaccharide derivatives as
 anti-inflammatory agents
 INVENTOR(S): Sattigeri, Viswajanani Jitendra; Arora, Sudershan K.;
 Salman, Mohammad; Palle, Venkata P.; Yadav, Gyan
 Chand; Tanwar, Madan Pal; Mukherjee, Ashis; Narayanan,
 Ramamurthy; Rauf, Abdul Rehman Abdul; Naik, Keshav
 Prabhakar; Soni, Ajay; Ray, Abhijit; Shirumalla, Raj
 Kumar; Mookhtar, Kasim Abbas
 PATENT ASSIGNEE(S): Ranbaxy Laboratories Limited, India
 SOURCE: PCT Int. Appl., 185 pp.
 CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 2005092907 | A2 | 20051006 | WO 2005-IB803 | 20050329 |
| WO 2005092907 | A3 | 20060427 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |

PRIORITY APPLN. INFO.: US 2004-556936P P 20040326

OTHER SOURCE(S): CASREACT 143:367523; MARPAT 143:367523

IT 1043943-91-4

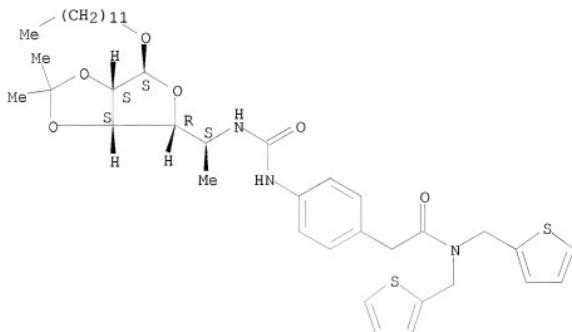
RL: PRPH (Prophetic)

(Preparation of monosaccharide derivatives as anti-inflammatory agents)

RN 1043943-91-4 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Relative stereochemistry.



L3 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:487497 CAPLUS

DOCUMENT NUMBER: 137:78952

TITLE: Preparation of substituted imidazoles, pyrazoles and amides as high affinity C5a receptor modulators

INVENTOR(S): Thurkauf, Andrew; Zhang, Xiaoyan; He, Xia-Shu; Zhao, He; Peterson, John; Maynard, George; Ohliger, Robert

PATENT ASSIGNEE(S): Neurogen Corporation, USA

SOURCE: PCT Int. Appl., 609 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 2002049993 | A2 | 20020627 | WO 2000-US26816 | 20000929 |
| WO 2002049993 | A3 | 20030220 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2420215 | A1 | 20020627 | CA 2000-2420215 | 20000929 |
| AU 2000076225 | A | 20020701 | AU 2000-76225 | 20000929 |
| EP 1322309 | A2 | 20030702 | EP 2000-965522 | 20000929 |
| EP 1322309 | B1 | 20080813 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL | | | | |
| ZA 2003001160 | A | 20040212 | ZA 2003-1160 | 20000929 |
| BR 2000017338 | A | 20040427 | BR 2000-17338 | 20000929 |
| JP 2004525873 | T | 20040826 | JP 2002-551496 | 20000929 |
| AU 2000276225 | B2 | 20080710 | AU 2000-276225 | 20000929 |
| AT 404553 | T | 20080815 | AT 2000-965522 | 20000929 |
| NO 2003001370 | A | 20030530 | NO 2003-1370 | 20030326 |
| MX 2003002788 | A | 20041213 | MX 2003-2788 | 20030328 |
| PRIORITY APPLN. INFO.: | | | US 2000-227454P | P 20000823 |
| | | | US 1999-156390P | P 19990928 |
| | | | US 2000-202749P | P 20000508 |
| | | | US 2000-212449P | P 20000616 |
| | | | US 2000-221787P | P 20000731 |
| | | | US 2000-224036P | P 20000809 |
| | | | WO 2000-US26816 | W 20000929 |

OTHER SOURCE(S): MARPAT 137:78952

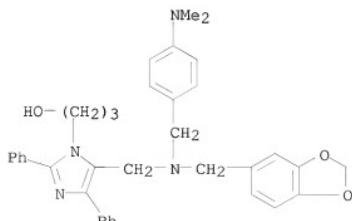
IT 1106056-27-2

RL: PRPH (Prophetic)

(Preparation of substituted imidazoles, pyrazoles and amides as high affinity C_{5a} receptor modulators)

RN 1106056-27-2 CAPLUS

CN 1H-Imidazole-1-propanol, 5-[(1,3-benzodioxol-5-ylmethyl)][4-(dimethylamino)phenyl]methyl]amino)methyl]-2,4-diphenyl- (CA INDEX NAME)



OS.CITING REF COUNT: 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD
(10 CITINGS)

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|---------------------|----------------------|------------------|---------------|
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DICTIONARY FILE UPDATES: 17 AUG 2009 HIGHEST RN 1174495-28-3

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